

Serial No. 10/797,084

Docket No. IK-0064

Amdt. dated March 8, 2007

Reply to Office Action of December 8, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A swivel hinge assembly, comprising:

a first rotary shaft configured to be rotatable about a substantially vertically extending axis;

a base in the shape of a planar disc having a pair of oppositely disposed symmetrical cut out portions, each of the cut out portions comprising a plurality of cut outs extending inward toward the first rotary shaft, and configured to be rotatable in a substantially horizontal plane by the first rotary shaft; ~~and~~

a second rotary shaft, portions of which extend outward from the planar disc between the plurality of cut out portions, and which is configured to be rotatable about a substantially horizontally extending axis, which intersects with the first rotary shaft; ~~and~~

a spring-loaded step configured to releasably lock the base in a predetermined position.

2. (Canceled)

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3. (Original) The swivel hinge assembly as claimed in claim 1, wherein the first rotary shaft and the base are integrally formed.

4. (Original) The swivel hinge assembly as claimed in claim 1, wherein the base is formed with a hole at a center thereof and the first rotary shaft is inserted into the hole for engagement with the base.

5. (Original) The swivel hinge assembly as claimed in claim 1, wherein the second rotary shaft and the base are integrally formed.

6. (Original) The swivel hinge assembly as claimed in claim 1, wherein the first rotary shaft and the base are configured to be mounted on an electronic device including a main body and a display unit, and the second rotary shaft is configured to be connected to the display unit of the electronic device, thereby allowing the display unit to be vertically and horizontally rotated with respect to the main body.

7. (Currently Amended) ~~The swivel hinge assembly as claimed in claim 1~~
swivel hinge assembly, comprising:

_____ a first rotary shaft configured to be rotatable about a substantially vertically extending axis;

_____ a base in the shape of a planar disc having a pair of oppositely disposed symmetrical cut out portions, each of the cut out portions comprising a plurality of cut outs extending inward toward the first rotary shaft, and configured to be rotatable in a substantially horizontal plane by the first rotary shaft; and

_____ a second rotary shaft, portions of which extend outward from the planar disc between the plurality of cut out portions, and which is configured to be rotatable about a substantially horizontally extending axis, which intersects with the first rotary shaft, wherein the second rotatable shaft ~~included~~ includes grooves semicircular in cross-section configured to receive therein wirings of an electronic device in which the swivel hinge assembly is employed.

8. (Original) The swivel hinge assembly as claimed in claim 1, further comprising a mounting base configured to be secured to a main body of an electronic device and to rotatably support the first rotary shaft.

9. (Original) The swivel hinge assembly as claimed in claim 8, wherein the mounting base comprises a cylinder configured to receive the first rotary shaft within an inner circumference thereof.

10. (Original) The swivel hinge assembly as claimed in claim 9, wherein the first rotary shaft includes a projection configured to mate with a groove provided on the cylinder which limits rotation of the first rotary shaft.

11. (Original) The swivel hinge assembly as claimed in claim 9, wherein the mounting base includes one or more fixing pins configured to secure the mounting base to a main body of an electronic device.

12. (Canceled)

13. (Original) The swivel hinge assembly as claimed in claim 1, further comprising a cover plate configured to cover the base.

14. (Original) The swivel hinge assembly as claimed in claim 13, wherein the cover plate further comprises a housing configured to cover wirings of an electronic device in which the swivel hinge assembly is employed.

15. (Original) A portable electronic device comprising the swivel hinge assembly of claim 1.

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16-26. (Canceled)

27. (Currently Amended) A swivel hinge assembly for use in an electronic device including a main body and a display unit, the swivel hinge assembly comprising:

a first frame;

a second frame, including a base in the shape of a planar disc having a pair of oppositely disposed symmetrical cut out portions, each of the cut out portions comprising a plurality of cut outs extending inward toward a substantially vertically extending axis of rotation, which is mounted on the first frame so as to be rotatable in a substantially horizontal plane about the substantially vertically extending axis of rotation with respect to the first frame; ~~and~~

a rotary shaft, portions of which extend outward from the planar disc between the plurality of cut out portions, and which is configured to be rotatable about a substantially horizontally extending axis of rotation substantially orthogonal to the first axis of rotation;

a housing configured to cover a central portion of a top surface of the second frame; and

a cover plate in the shape of a semicircle having a chord with substantially the same length as the cutout portions of the base, wherein the housing is part of the cover plate.

28-30. (Canceled)

31. (Currently Amended) The swivel hinge assembly as claimed in claim ~~30~~27, wherein the rotary shaft extends through the housing.

32. (Canceled)

33. (Currently Amended) The swivel hinge assembly as claimed in claim ~~32~~27, further comprising a spring-loaded step configured to releasably lock the base in a predetermined position with respect to an opening in a main body of an electronic device in which the swivel hinge assembly is employed.

34. (Original) The swivel hinge assembly as claimed in claim 33, wherein the step is formed with an inclined guide plane at a portion corresponding to the cutout portion of the base.

35. (Original) The swivel hinge assembly as claimed in claim 34, wherein the step further includes a stepped portion formed adjacent an inner circumference of the opening.

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36. (Original) The swivel hinge assembly as claimed in claim 27, wherein the first frame includes one or more fixing pins configured to secure the first frame to a main body of an electronic device.

37. (Original) A portable electronic device comprising the swivel hinge assembly of claim 27.

38-51. (Canceled)

52. (New) The swivel hinge assembly as claimed in claim 1, wherein the step is formed with an inclined guide plane at a portion corresponding to the cut out portion of the base.